

Patent Abstracts of Japan

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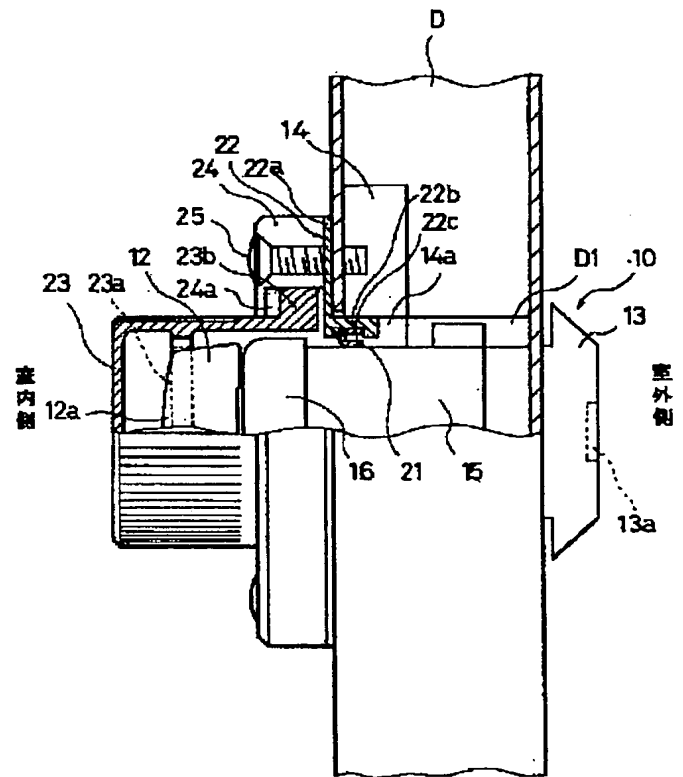
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TITLE : ELECTROMAGNETIC WAVE
SHIELDING STRUCTURE OF LOCK
MOUNTING PART



ABSTRACT : PROBLEM TO BE SOLVED: To provide an electromagnetic wave shielding structure of a lock mounting part in an electromagnetic wave shielding room.

SOLUTION: A lock 10 comprises a door locking and unlocking groove for locking and unlocking a door D, an inner tube 15 having a thumb-turn shaft for operation therein, and the thumb-turn 12. A lock mounting part of the lock 10 is formed by inserting an inner tube into a through hole D1 provided in a door. The lock mounting part comprises a conductive member 21, which is fitted into the through hole D1 and formed of a conductive material, installed so that it is brought into contact with the door without any clearance and a conductive member supporter 22. In addition, it further comprises a lock cover 23 formed of the conductive material with which the thumb-turn 12 is coated. The lock cover 23 is brought into contact directly with the door, or through the conductive member supporter 22 and a lock cover mounting member 24 with the door without any clearance. Then it is formed so that the thumb- turn 12 is rotatable integrally with the lock cover 23.

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